WHAT IS CLAIMED IS:

1. A vacuum container having a first substrate and a second substrate arranged so as to face each other as components comprising, within said vacuum container:

a spacer disposed at the first substrate or the second substrate so as to maintain an interval between the first substrate and the second substrate,

wherein said spacer is fixed within said vacuum container via a supporting member provided at said spacer without contacting the substrate where said spacer is disposed.

2. A vacuum container according to Claim 1, wherein said spacer is fixed to the substrate where said spacer is disposed, via the supporting member provided at said spacer without contacting the substrate where said spacer is disposed.

3. A vacuum container according to Claim 2, wherein said supporting member is connected to the substrate by means of a first connecting member.

4. A vacuum container according to Claim 3, wherein said supporting member is connected to said spacer by means of a second connecting member.

5. An image display apparatus comprising, within a vacuum container according to Claim 1;

a plurality of electron emission elements arranged on the first substrate; and

an image display member arranged on the second substrate.

6. An image display apparatus according to Claim 5, wherein said spacer is disposed on wires for driving said plurality of electron emission elements arranged on the first substrate.

7. An image display apparatus according to Claim 5, wherein said supporting member is disposed outside of an electron emission region.

8. A vacuum container having a first substrate and a second substrate arranged so as to face each other as components comprising, within said vacuum container:

a spacer disposed at the first substrate or the second substrate so as to maintain an interval between the first substrate and the second substrate,

wherein said spacer is fixed within said vacuum container via a supporting member provided at said spacer with a gap with the substrate where said spacer is disposed.

9. A vacuum container according to Claim 8, wherein said spacer is fixed to the substrate where said spacer is disposed, via the supporting member provided at said spacer with a gap with the substrate where said spacer is disposed.

10. A vacuum container according to Claim 9, wherein said supporting member is connected to the substrate by means of a first connecting member.

11. A vacuum container according to Claim 10, wherein said supporting member is connected to said spacer by means of a second connecting member.

12. An image display apparatus comprising, within a vacuum container according to Claim 8;

electron emission elements arranged on the first substrate; and

an image display member arranged on the second substrate.

13. An image display apparatus according to Claim 12, wherein said spacer is disposed on wires for driving said plurality of electron emission elements arranged on the first substrate.

14. An image display apparatus according to Claim 12, wherein said supporting member is disposed outside of an electron emission region.

15. A method for manufacturing a vacuum container having a first substrate and a second substrate arranged so as to face each other as components, and a spacer disposed at the first substrate or the second substrate within the vacuum container, said method comprising the steps of:

fixing a supporting member on a surface other than a surface of disposition of the spacer with respect to the concerned substrate at both ends of the spacer with a distance from the surface of disposition; and

disposing the spacer where the supporting member is fixed at the first substrate or the second substrate and fixing the supporting member on the

substrate where the spacer is disposed.

16. A method for manufacturing an image display apparatus having a vacuum container having a first substrate and a second substrate arranged so as to face each other as components, and a spacer, electron emission elements on the first substrate, and an image display member on the second substrate that are disposed within the vacuum container, said method comprising the step of:

manufacturing the vacuum container according to a method according to Claim 15.

17. A method according to Claim 16, wherein the spacer is disposed on wires for driving the plurality of electron emission elements arranged on the first substrate.